

FIG. I

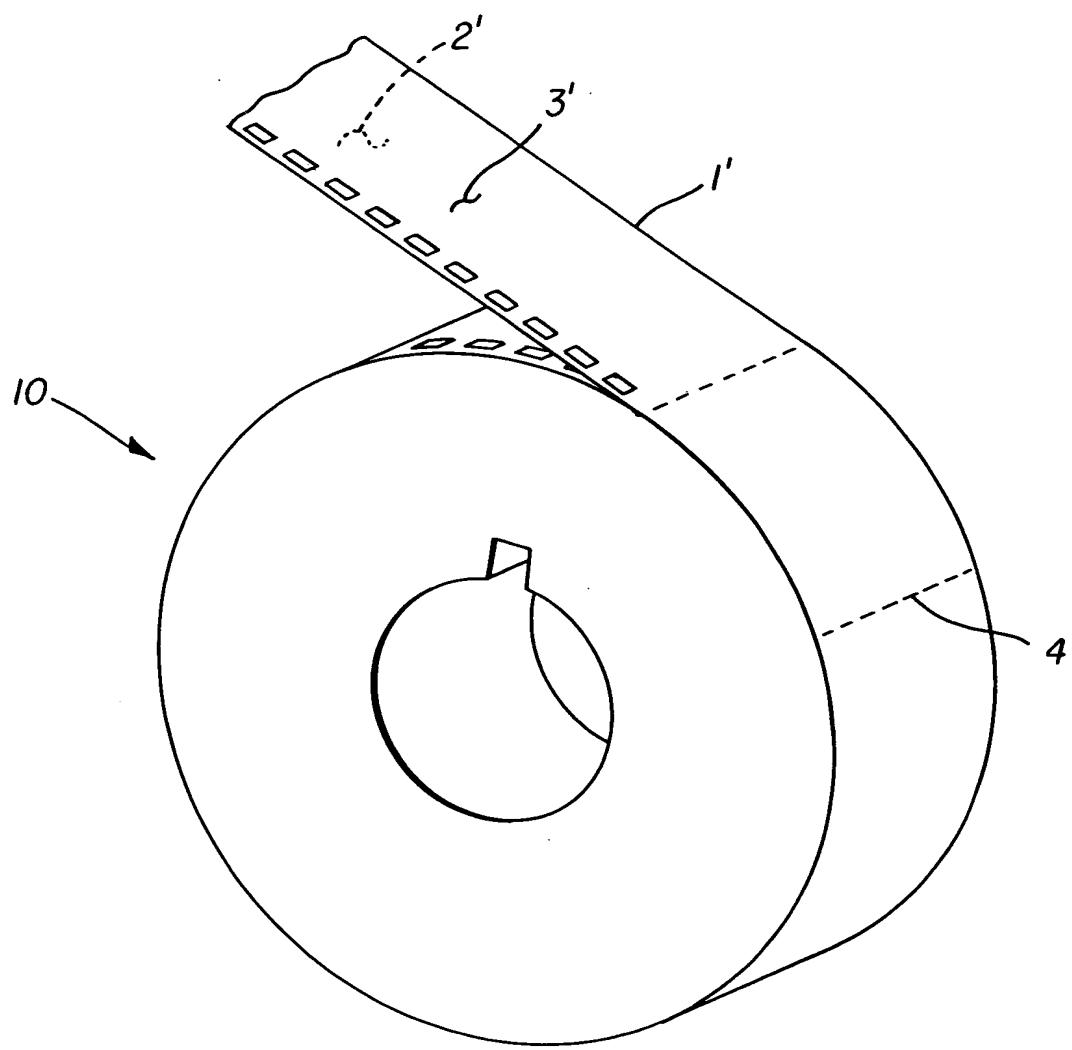


FIG. 2

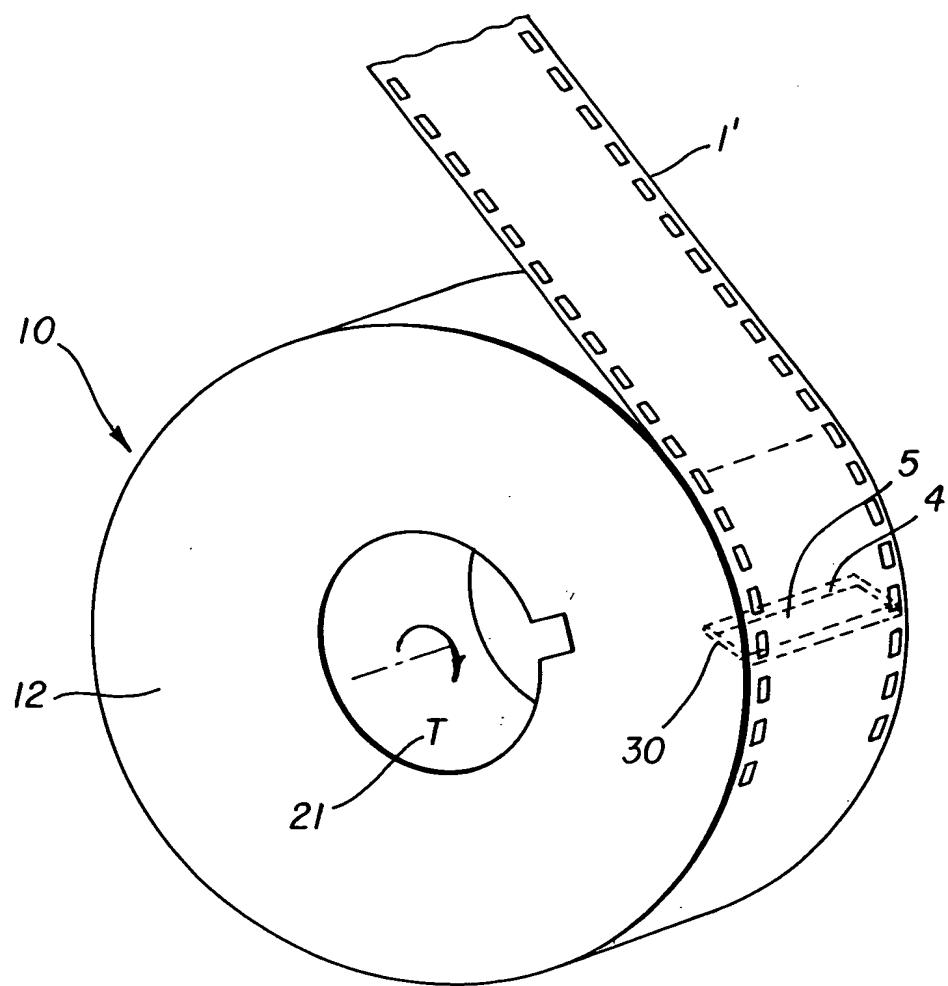
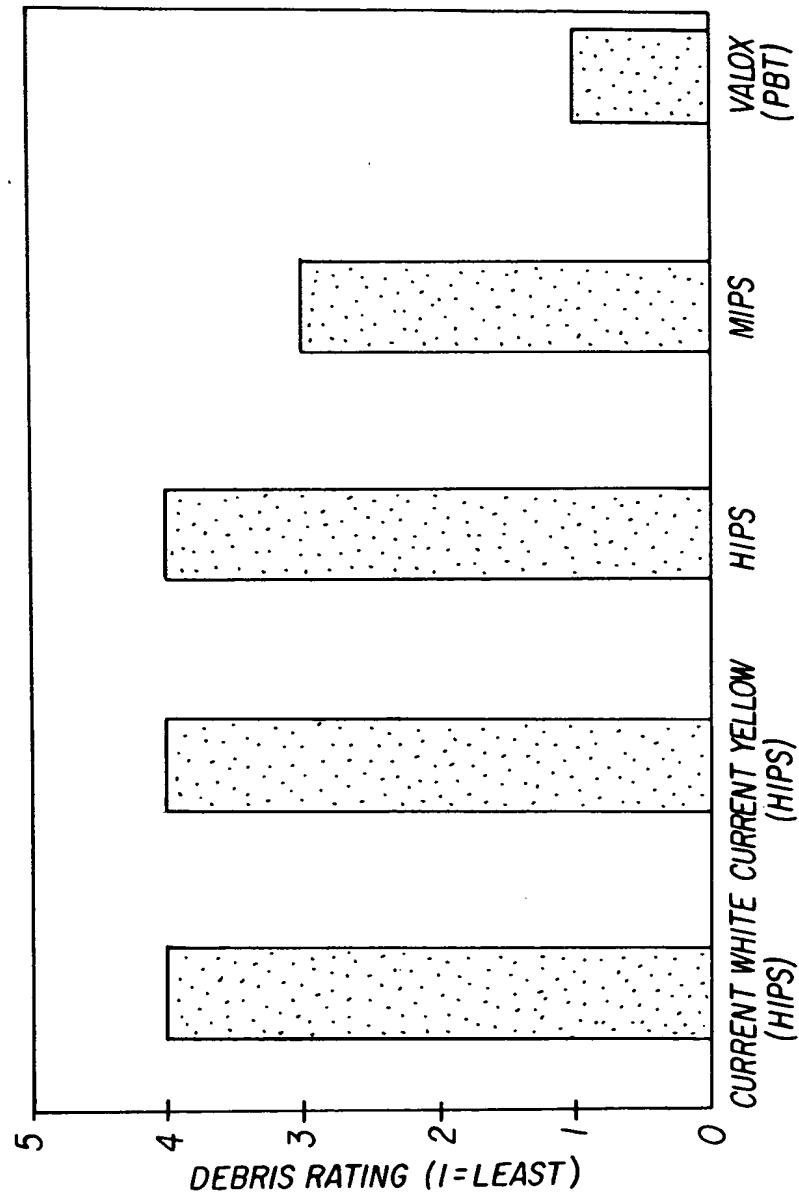


FIG. 3



FILM CORE IDENTIFICATION

FIG. 4

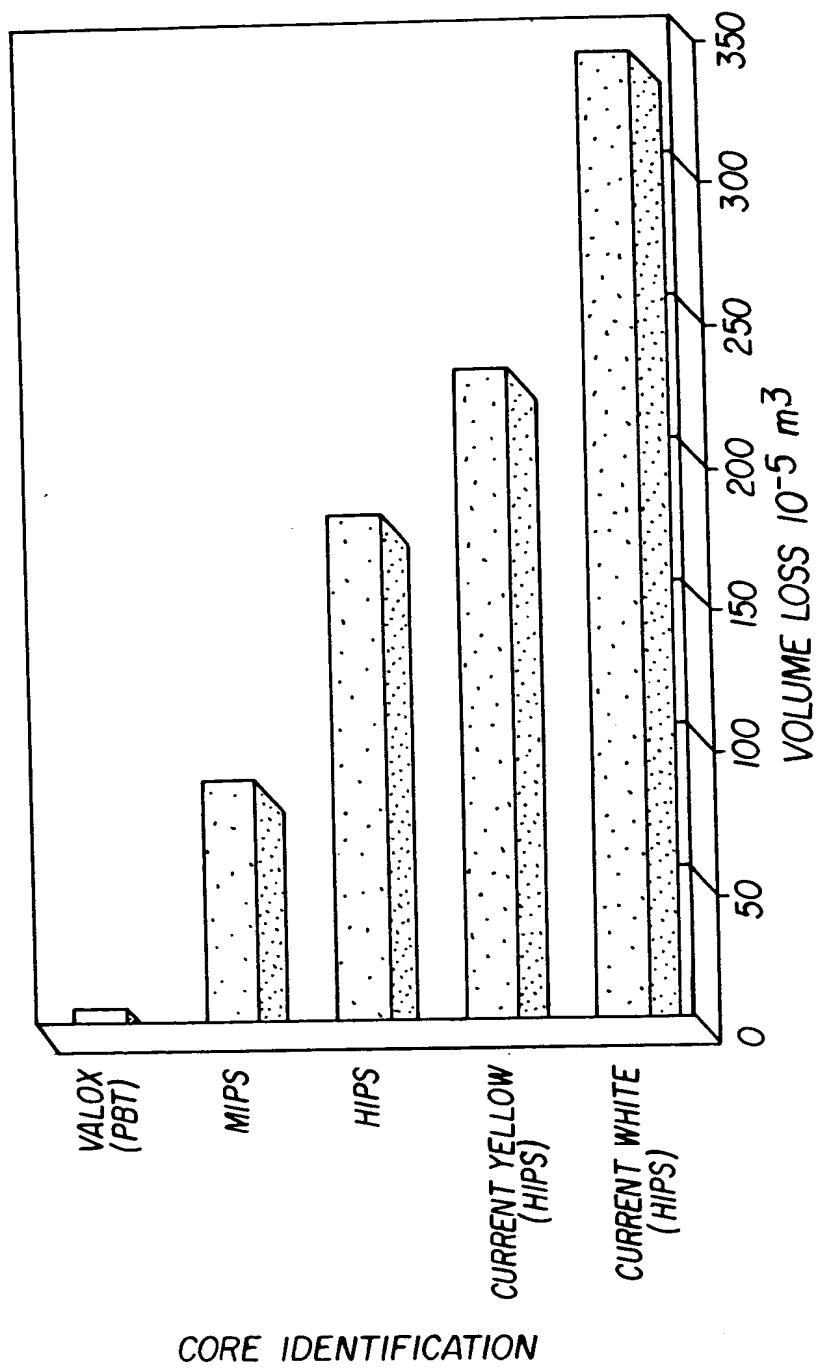
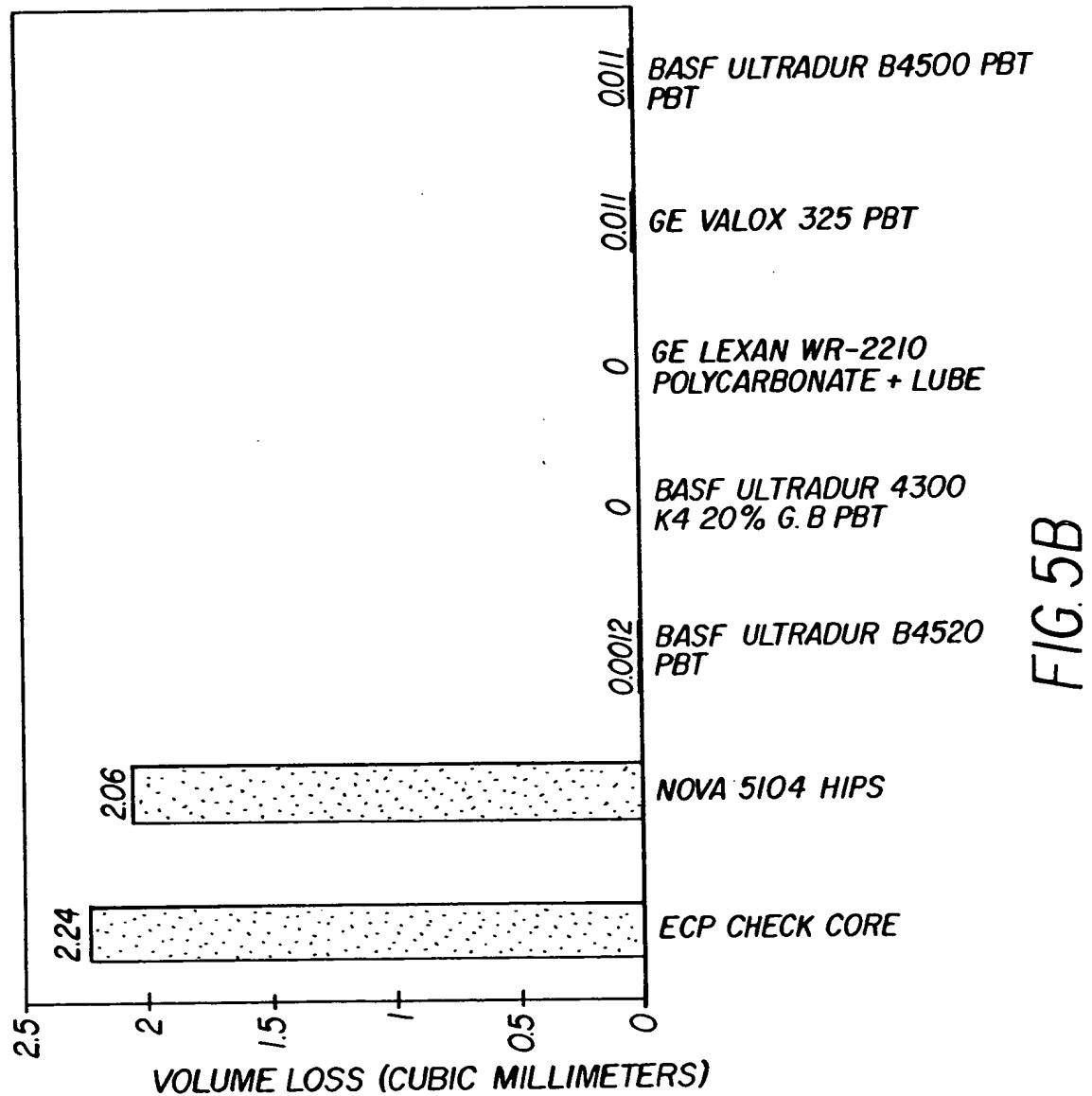


FIG. 5A



SPI FINISH	FINISH TYPE	MOLD TEXTURE (RA MICRONS, MEASURED)	COEFFICIENT OF FRICTION			
			(+2 STD)	(-2 STD)	AVG.	STD
HIPS (NOVACOR "5104")	600 GRIT PAPER	0.10	0.63	0.53	0.58	0.027
A1	#3 DIAMOND BUFF	0.02	0.32	0.28	0.30	0.012
A3	#15 DIAMOND BUFF	0.04	0.28	0.24	0.26	0.01
D2E	EDM, CHARMILLES 18	0.80	0.29	0.23	0.26	0.015
B1	600 GRIT PAPER	0.10	0.24	0.18	0.21	0.017
D1	#12 GLASS BEAD	0.37	0.24	0.18	0.21	0.017
C3	320 STONE	0.29	0.25	0.17	0.21	0.021
D2	#10 GLASS BEAD	0.37	0.26	0.16	0.21	0.025
C1	600 STONE	0.32	0.21	0.17	0.19	0.01
B3	320 GRIT PAPER	0.23	0.21	0.15	0.18	0.015
D3	EDM, CHARMILLES 24	1.57	0.2	0.1	0.15	0.026

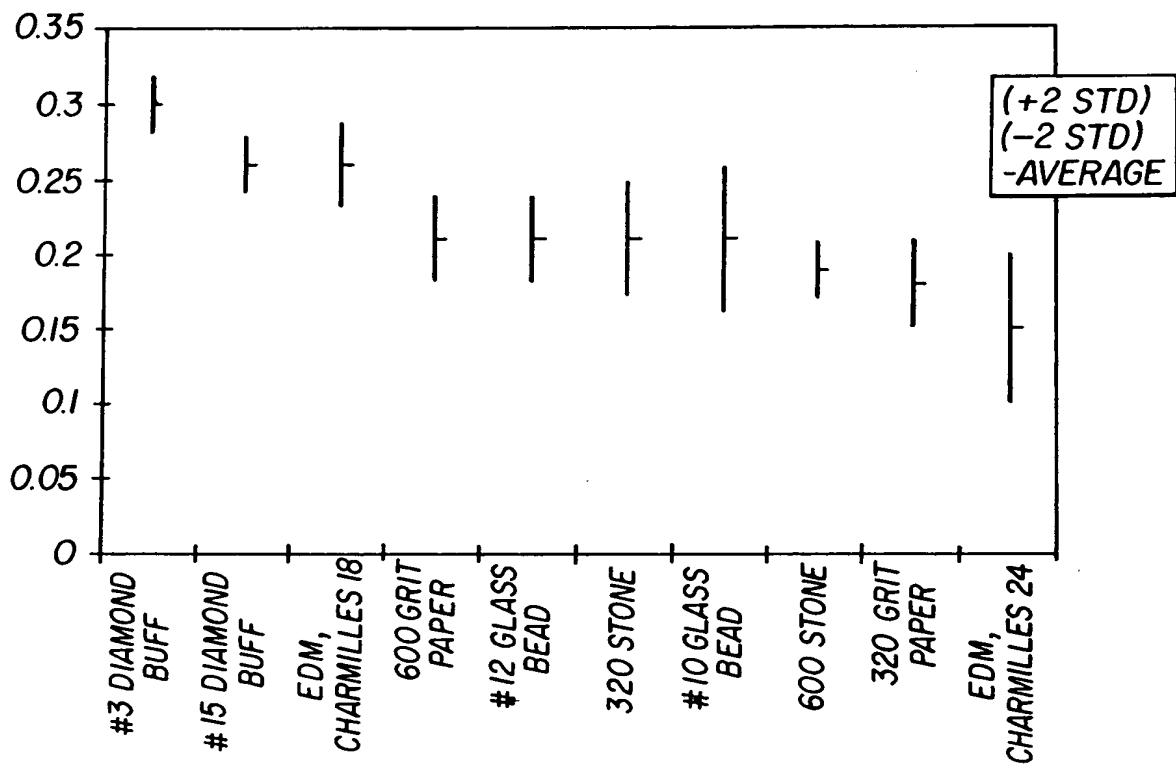


FIG. 6

	HIPS NOVA "5104"	PBT GE "VALOX 325"
TENSILE ELEONGATION	55%	200%
FLEXURAL STRENGTH	62 MPa	83 MPa
TENSILE STRENGTH	27 MPa	52 MPa
FLEXURAL MODULUS	2,300 MPa	2,300 MPa

FIG. 7

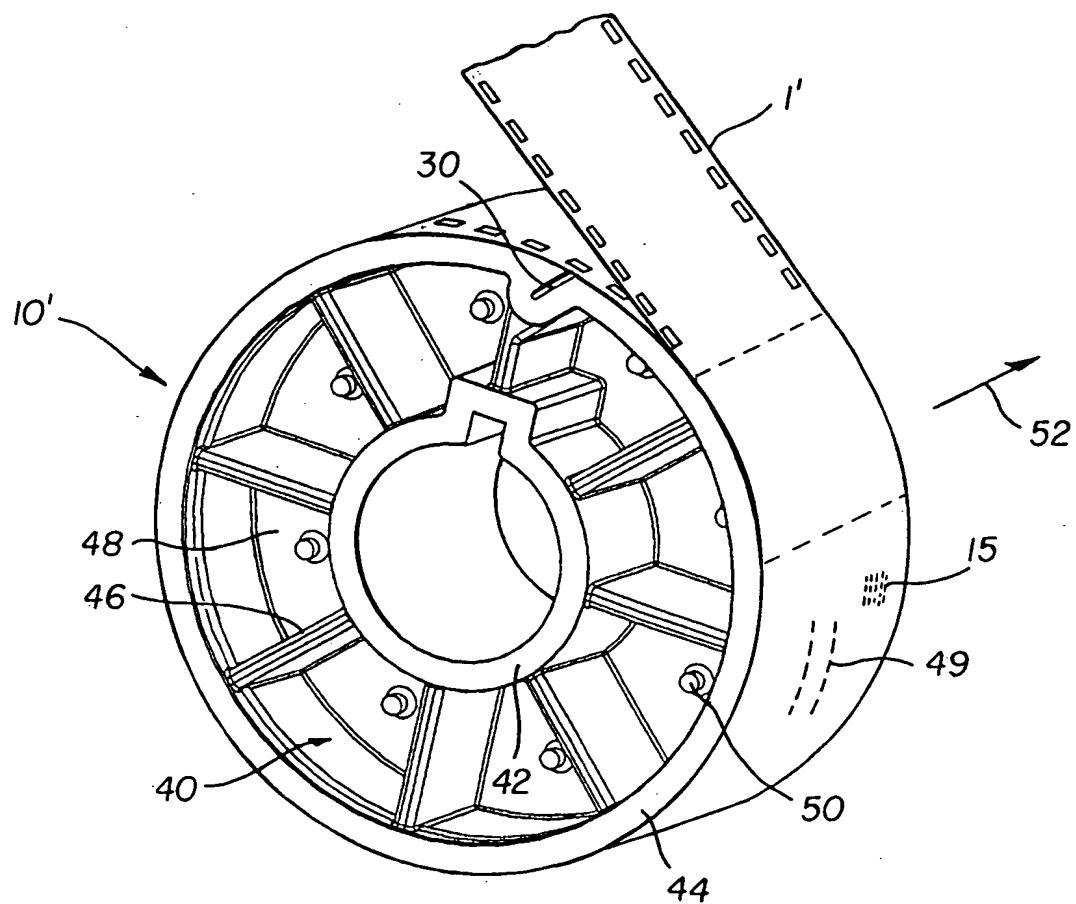


FIG. 8